

**ATTACHMENT “A”-PERMIT APPLICATION
SUMMARY FORM**

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Frough Sherwani

GENERAL INFORMATION:

Name:	Centria
Address:	1099 Hwy. 421 South, Frankfort, Kentucky
Date application received:	June 22, 2001
SIC/Source description:	3444 Booths, spray prefabricated sheet metal
Plant I.D.	21-73-00041
Application log number:	53922
Permit number:	F-01-022

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052, 1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutants	Actual Emission	Potential Emission
	Tons / Yr.	
PM10	0.6	2.53
VOC *	90.0	375
HAP > 10 tpy (by CAS)		
***Toluene**	9.0	58.0
***MEK**	9.0	204.0
***Cobalt Comp.**	9.0	20.2
***Copper Comp.**	9.0	35.0
***Ethyl Acetate	9.0	39.0
Total HAPS**	22.5	355.0

*Source has accepted allowable VOC 90 tons/Yr.

**Source has accepted allowable HAPS 9 tons/yr. individual and 22.5 tons/yr. combination

*** Toxic

SOURCE PROCESS DESCRIPTION:

Centria is located at Frankfort, Kentucky, manufactures finished metal sliding panels, corner units and miscellaneous parts for building construction. Regulation 50: 031 has applied to the source. The source has applied for Title V permit.

The source has one spray booth with two DeVilbiss air spray guns. The source has one air make up unit. Natural gas is used as a fuel The source has 5 MIG welding machines. The source has roll forming and grinding section.

The "Potential to Emit" calculations are based on 8760 hours of operation per year. The spray gun has an output of 5.94 gallons per hour. The coating is mixed with MEK in the ratio of 50/50. The transfer efficiency of the spray gun is 55%.

COMMENTS:

There are no VOC controls in the plant. The paint booth has exhaust filters to control particulate matter. The control efficiency of the filter is 90%.

State regulation 401 KAR 59:010, New process operations, applies to this source, because these are process operations that were commenced after July 2, 1975.

State regulation 401 KAR 52:030. Federally-enforceable permits for non-major sources

EMISSION AND OPERATING CAPS DESCRIPTION:

The actual emissions of HAPs for a single pollutant shall not exceed 9.0 tons per year. The combined emissions for HAPs shall not exceed 22.5 tons per year. The actual VOC emissions shall not exceed 90.0 tons per year. These annual limitations shall not be exceeded during any consecutive twelve month period for the entire source.

CREDIBLE EVIDENCE:

This permit contains provisions which require that specific test methods, monitoring or recordkeeping be used as a demonstration of compliance with permit limits. On February 24, 1997, the U.S. EPA promulgated revisions to the following federal regulations: 40 CFR Part 51, Sec. 51.212; 40 CFR Part 52, Sec. 52.12; 40 CFR Part 52, Sec. 52.30; 40 CFR Part 60, Sec. 60.11 and 40 CFR Part 61, Sec. 61.12, that allow the use of credible evidence to establish compliance with applicable requirements. At the issuance of this permit, Kentucky has not incorporated these provisions in its air quality regulations.